Soft Chipping Guard Primer Coat

Types of Soft Chipping Guard Primer (Reference)

Type	Application	Composition	Physical property	Drying time
Dual liquid synthetic resin	Room temperature Baked at 176°F (80°C) for 40 minutes	Pigment: 12% Calcic pigment: 37% Epoxy poliole resin: 15% Additive, Solvent 36% 100%	Color: Gray Viscosity: 68°F (20°C) Non volatile: 65% mini. Specific gravity: 68°F (20°C), 1.378	Room temperature: 68°F (20°C), 3 days Baked: 176°F (80°C), 40 minutes (to harden thoroughly)
Dual liquid Acrylic / Urethane } resin	Room temperature Baked at 176°F (80°C) for 30 minutes.	Pigment: 40% Acrylic resin: 37% Additive, Solvent 23% 100%	Color: Gray Viscosity: 68°F (20°C) 4−6 Poiseuille Non volatile: 65% mini. Specific gravity: 68°F (20°C), 1.35	Room temperature: 68°F (20°C), a day Baked: 176°F (80°C), 30 minutes (to harden thoroughly)

Repair Materials and Tools

Gun and brushes:
- Spray gun

  NOTE: Any gun having a tip of more than 1.0 mm (0.04 in) in diameter may be used for spraying the primer.
- Viscosity measure
  Iwata-type (IMS) cup, Ford cup
- Beaker
  1-2ℓ (1.05-2.10 US. qt, 0.9-2 Imp. qt) in capacity
- Stirring stick

Materials:
- Use primers equivalent to the ones shown in Types of Chipping Guard Primer (Reference).
- Make sure to keep the thickness of the coat at 20 microns.

Masking:
- Masking tape, paper, vinyl sheet and plate (veneer and steel).
- Masking plates are not necessary when spraying in a booth.

Tools:
- Air or double action sander
- Sandpaper .(#240-#400)

Protectors:
- Wear an approved respirator or dust mask, gloves, safety goggles, and other protective clothing.
- Rags.

Thinner and cleaner:
- Use the thinner specified for the primer.
- Any commercially available lacquer thinner may be used to clean the gun.

⚠ WARNING

- **Most paints contain substances that are harmful if inhaled or swallowed. Read the paint label before opening the container.**
- **Spray paint only in a well ventilated area.**
- **Cover spilled paint with sand, or wipe it up at once.**
- **Wear an approved respirator, gloves, eye protection and appropriate clothing when painting. Avoid contact with skin.**
- **If paint gets in your mouth or on your skin, rinse or wash thoroughly with water. If paint gets in your eyes, flush with water and get prompt medical attention.**
- **Paint is flammable. Store it in a safe place, and keep it away from sparks, flames or cigarettes.**